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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTORNEY DOCKET NUMBER: 4590-214

U.S.PTO

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR (S):	Charles BRANCH
FOR:	GRID MAPPING UTILITY FOR A GPS DEVICE

Enclosed are:

- 14 page(s) of Specification, Claims and Abstract
 3 sheet(s) of formal drawings
 Declaration & Power of Attorney
 Claim of Priority under 35 U.S.C. § 119
 Certified copy of
 An assignment conveying title in instant application to THALES, with PTO Form 1595.
 Preliminary Amendment
 Information Disclosure Statement, PTO-1449 and Reference(s)
 Change of Address
 Return Receipt Postcard

22582 U.S.PTO
10/693996

The filing fee is calculated as shown below:

	NO. FILED	NO. EXTRA	RATE	AMOUNT
Total Claims	21	MINUS 20	1	x \$18 = \$ 18.00
Independent Claims	3	MINUS 3	0	x \$ 86 = \$ 0
If multiple dependent claims are presented, add \$ 280.00				\$
Basic Fee				\$ 770.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$
Total of above calculations				\$ 788.00
<input type="checkbox"/> Assignment and Recording Fee				\$
TOTAL FEE				\$ 788.00

- A credit card authorization form to cover the filing fees is enclosed.
 The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 07-1337**.
 Check No. _____ is enclosed to cover the filing fees.

Respectfully submitted,
LOWE HAUPTMAN GILMAN & BERNER, LLP (33308)

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Date: October 28, 2003
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